

FORM PTO-1449	U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1469R1C1	Serial No. 10/624,153
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Yvonne Chen et al.	
		Filing Date 21 Jul 2003	Group 1641

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
LAB	* 1	5,821,337	13.10.98	Carter et al.			
	* 2	6,010,861	04.01.00	Blume, A.			
	* 3	6,037,454	14.03.00	Jardieu et al.			

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Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes	No
LAB	* 4	2,125,240	07.12.95	CANADA				
	* 5	91-40386	03.06.97	JAPAN (ABSTRACT ONLY)				
	* 6	WO 97/31024	28.08.97	PCT				
	* 7	WO 98/23746	04.06.98	PCT				
	* 8	WO 98/23761	04.06.98	PCT				
	* 9	WO 98/45331	15.10.98	PCT				
	* 10	WO 98/45332	15.10.98	PCT				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

LAB	* 11	Amit et al., "Three-Dimensional Structure of an Antigen-Antibody Complex at 2.8 A Resolution" <u>Science</u> 233:747-753 (Aug 1986)
	* 12	Balint and Larrick, "Antibody engineering by parsimonious mutagenesis" <u>Gene</u> 137(1):109-118 (Dec 27, 1993)
	* 13	Barbas III et al., "In Vitro Evolution of a Neutralizing Human Antibody to Human Immunodeficiency Virus Type 1 to Enhance Affinity and Broaden Strain Cross-Reactivity." <u>Proc. Natl. Acad. Sci. USA</u> 91(9):3809-3813 (Apr 26, 1994)
	* 14	Brunger et al., "Crystallographic R factor refinement by molecular dynamics" <u>Science</u> 235:458-460 (Jan 23, 1987)
	* 15	Chiswell and McCafferty, "Phage antibodies: will new 'coliclonal' antibodies replace monoclonal antibodies?" <u>Trends In Biotechnology</u> 10(3):80-84 (Mar 1992)
	* 16	Fenney and Thuerlauf, "Sequence and fine specificity analysis of primary 511 anti-phosphorylcholine antibodies" <u>Journal of Immunology</u> 143(12):4061-4068 (Dec 15, 1989)
	* 17	Gazzano-Santoro et al., "A Non-Radioactive Complement-Dependent Cytotoxicity Assay for Anti-CD20 Monoclonal Antibody." <u>Journal of Immunological Methods</u> 202:163-171 (1997)
	* 18	Groves et al., "Production of an ovine monoclonal antibody to testosterone by an interspecies fusion" <u>Hybridoma</u> 6(1):71-76 (Feb 1987)
	* 19	Hawkins et al., "Selection of Phage Antibodies by Binding Affinity Mimicking Affinity Maturation" <u>J. Mol. Biol.</u> 226:889-896 (1992)
	* 20	Jones et al., "Replacing the Complementarity-Determining Regions in a Human Antibody with Those From a Mouse." <u>Nature</u> 321:522-525 (May 29, 1986)
	* 21	Kabat. <u>Sequences of Proteins of Immunological Interest</u> , US Dept of Health and Human Services, NIH, 5th edition, Bethesda, MD (1991)
	* 22	LeBlanc et al., "Recognition properties of a sequence-specific DNA binding antibody" <u>Biochemistry</u> 37(17):6015-6022 (Apr 28, 1998)

Examiner <i>Lynn Brail</i>	Date Considered <i>4/11/06</i>
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
LAB	*23	Lee et al., "Strong inhibition of fibrinogen binding to platelet receptor $\alpha_{IIb}\beta_3$ by RGD sequences installed into a presentation scaffold" <u>Protein Engineering</u> 6(7):745-754 (Sep 1993)			
	*24	McLane et al., "Transplantation of a 17-amino acid α -helical DNA-binding domain into an antibody molecule confers sequence-dependent DNA recognition" <u>Proc. Natl. Acad. Sci. USA</u> 92(11):5214-5218 (May 23, 1995)			
	*25	Muller et al., "VEGF and the Fab fragment of a humanized neutralizing antibody: crystal structure of the complex at 2.4 Å resolution and mutational analysis of the interface" <u>Structure</u> 6(9):1153-1167 (Sep 15, 1998)			
	*26	Ohlin and Borrebaeck, "Insertions and deletions in hypervariable loops of antibody heavy chains contribute to molecular diversity" <u>Molecular Immunology</u> 35(4):233-238 (Mar 1998)			
	*27	Panka et al., "Variable region framework differences result in decreased or increased affinity of variant anti-digoxin antibodies" <u>Proc. Natl. Acad. Sci. USA</u> 85:3080-3084 (May 1988)			
	*28	Presta et al., "Humanization of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Therapy of Solid Tumors and Other Disorders" <u>Cancer Research</u> 57(20):4593-4599 (Oct 15, 1997)			
	*29	Rader and Barbas III, "Phage display of combinatorial antibody libraries" <u>Current Opinion in Biotechnology</u> 8(4):503-508 (Aug 1997)			
	*30	Rudikoff et al., "Single amino acid substitution altering antigen-binding specificity" <u>Proc. Natl. Acad. Sci. USA</u> 79:1979-1983 (1982)			
	*31	Schier et al., "Isolation of picomolar affinity anti-c-erbB-2 single-chain Fv by molecular evolution of the complementarity determining regions in the center of the antibody binding site" <u>Journal of Molecular Biology</u> 263(4):551-567 (Nov 8, 1996)			
	*32	Sheets et al., "Efficient construction of a large nonimmune phage antibody library: the production of high-affinity human single-chain antibodies to protein antigens" <u>Proc. Natl. Acad. Sci. USA</u> 95(11):6157-6162 (May 26, 1998)			
	*33	Simon and Rajewsky, "A functional antibody mutant with an insertion in the framework region 3 loop of the V _H domain: implications for antibody engineering" <u>Protein Engineering</u> 5(3):229-234 (Apr 1992)			
	*34	Thompson et al., "Affinity maturation of a high-affinity human monoclonal antibody against the third hypervariable loop of human immunodeficiency virus: use of phage display to improve affinity and broaden strain reactivity" <u>Journal of Molecular Biology</u> 256(1):77-88 (Feb 16, 1996)			
	*35	Wilson et al., "Somatic hypermutation introduces insertions and deletions into immunoglobulin V genes" <u>Journal of Experimental Medicine</u> 187(1):59-70 (Jan 5, 1998)			
	*36	Wu et al., "Stepwise in vitro affinity maturation of Vitaxin, an $\alpha_v\beta_3$ -specific humanized mAb" <u>Proc. Natl. Acad. Sci. USA</u> 95(11):6037-6042 (May 26, 1998)			
	*37	Yang et al., "CDR walking mutagenesis for the affinity maturation of a potent human anti-HIV-1 antibody into the picomolar range" <u>Journal of Molecular Biology</u> 254(3):392-403 (Dec 1, 1995)			
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